

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims 1, 3, 5, 6, 7, 8, 9, 12-15, 17, 20, 21, 23, 24, 27, 28, 30, 31, 34, 35, 36, and 37 in accordance with the following:

1. (PRESENTLY AMENDED) A telephone with an electronic mail managing function, said telephone capable of connecting with at least a mail server and a plurality of ~~terminal devices~~ electronic devices, said telephone comprising:

an access unit ~~means for~~ accessing to the mail server;

a mail memory storing an electronic mail which is sent to one user downloaded from the mail server through the access ~~means~~unit;

a mail status memory storing each state of the electronic mail stored in the mail memory so as to correspond to each of the ~~terminal devices~~ electronic devices, wherein each state stored in said status memory ~~means~~ indicates whether or not the electronic mail is down-loaded to each of the ~~terminal devices~~ electronic devices from the telephone; and

a transmission unit ~~means for~~ transmitting the electronic mail stored in the mail memory to one of the ~~terminal devices~~ plurality of electronic devices, wherein the electronic mail managing function is provided logically between the mail server and the plurality of ~~terminal devices~~ electronic devices, and wherein the electronic mail managing function integratedly manages the electronic mail based on the ~~status~~ state of the electronic mail corresponding to each of the ~~terminal devices~~ electronic devices.

3. (PRESENTLY AMENDED) A telephone with an electronic mail managing function according to Claim 1, said telephone further comprising:

a process table storing a process to be applied to the electronic mail after the electronic mail is down-loaded to each of the ~~terminal devices~~ electronic devices from the telephone.

4. (PREVIOUSLY AMENDED) A telephone with an electronic mail managing function according to Claim 3, said process to be applied to the electronic mail includes deleting the electronic mail and keeping the electronic mail.

5. (PRESENTLY AMENDED) A telephone with an electronic mail managing function according to Claim 1, said telephone further comprising:

an emergency process means~~unit~~ for judging whether or not a priority process is necessary based on the electronic mail received from each of the ~~terminal devices~~ electronic devices and for executing an access to the mail server when the priority process is executed.

6. (PRESENTLY AMENDED) A telephone with an electronic mail managing function according to Claim 1, said telephone further comprising:

an identifier memory ~~for~~ storing an identifier of an ~~terminal device~~ electronic device to be connected, permits an access from the ~~terminal device~~ electronic device in case that the identifier coincides with the stored identifier.

7. (PRESENTLY AMENDED) A mail managing method in a mail managing apparatus capable of transmitting/receiving mail data to/from at least a mail server and a plurality of ~~terminal devices~~ electronic devices, said method comprising:

a reading process of reading mail which is sent to one user stored in the mail server;

a storing process of storing the mail read in the reading process-;

a display process of displaying a state of the mail stored in the storing process for each of the ~~terminal devices~~ electronic devices, wherein said state includes whether or not the electronic mail is down-loaded to each of the ~~terminal devices~~ electronic devices from a telephone; and

a transmission process of transmitting the mail stored in the storing process to one of the ~~terminal devices~~ electronic devices, wherein the mail managing apparatus is provided logically between the mail server and the plurality of ~~terminal devices~~ electronic devices, and wherein the mail managing method integrately manages the mail based on a state of the mail corresponding to each of the ~~terminal devices~~ electronic devices.

8. (PRESENTLY AMENDED) A storage medium storing a program executed by a mail managing apparatus capable of transmitting/receiving mail data to/from at least a mail server and a plurality of ~~terminal devices~~ electronic devices, said program when executed by the mail managing apparatus executing the processes comprising:

a reading process of reading a mail which is sent to one user stored in the mail server;

a storing process of storing the mail read in the reading process;

a display process of displaying a state of the mail stored in the storing process for each of the ~~terminal devices~~ electronic devices, wherein said state includes whether or not the electronic mail is down-loaded to each of the ~~terminal devices~~ electronic devices from a telephone; and

a transmission process of transmitting the mail stored in the storing process to one of the ~~terminal devices~~ electronic devices, wherein the mail managing apparatus is provided logically between the mail server and the plurality of ~~terminal devices~~ electronic devices, and wherein the mail managing apparatus integrately manages the mail server based on the state of the mail corresponding to each of the ~~terminal devices~~ electronic devices.

9. (PRESENTLY AMENDED) An electronic mail managing apparatus capable of communicating with a mail server which stores therein an electronic mail sent to an address, comprising:

a receiving unit receiving from the mail server an electronic mail addressed to one predetermined address;

a mail memory unit storing the received electronic mail;

a mail status memory means for storing each state of the electronic mail stored in the mail memory unit so as to correspond to each of ~~the a plurality of the terminal devices~~ electronic devices, wherein the each state of the mail status memory ~~means~~ unit indicates whether or not the electronic mail received by the electronic mail managing apparatus for each ~~terminal device~~ electronic device has been transmitted to the ~~terminal device~~ electronic device from a telephone,

wherein the electronic mail managing apparatus is capable of communicating with ~~a the~~ plurality of ~~terminal devices~~ electronic devices; and

a transmitting unit transmitting the electronic mail stored in the mail memory unit and received thereof from the mail server to one of the plurality of ~~terminal devices~~ electronic devices in response to an access made by one of the plurality of ~~terminal devices~~ electronic devices, wherein the electronic mail managing apparatus is provided logically between the mail server and the plurality of ~~terminal devices~~ electronic devices, and wherein the electronic mail managing apparatus integrately manages the electronic mail based on the electronic mail state corresponding to each of the ~~terminal devices~~ electronic devices.

12. (PRESENTLY AMENDED) An electronic mail managing apparatus according to Claim 9 further comprising:

a process specifying means unit for specifying, for each terminal device, how the

electronic mail transmitted to the ~~terminal device~~ electronic device should be processed.

13. (PRESENTLY AMENDED) An electronic mail managing apparatus according to Claim 12 further comprising:

a means~~unit~~ for receiving the electronic mail from each ~~terminal device~~ electronic device;
and

a means~~unit~~ for transmitting the received electronic mail to the mail server.

14. (PRESENTLY AMENDED) An electronic mail managing apparatus according to Claim 13, wherein said electronic managing apparatus is emergency processing ~~means~~unit for judging whether or not a preference process is necessary based on the received electronic mail and, if judged to be affirmative, executing access to the mail server.

15. (PRESENTLY AMENDED) An electronic mail managing apparatus according to Claim 14 further comprising:

an identifier memory means~~for~~ storing therein identifiers of the plurality of ~~terminal devices~~ electronic devices, and permitting access from the ~~terminal device~~ electronic device corresponding to the stored identifier.

16. (ORIGINAL) An electronic mail managing apparatus according to Claim 9 wherein the electronic mail managing apparatus is provided in a telephone.

17. (PRESENTLY AMENDED) An electronic mail managing method in an electronic mail managing apparatus capable of communicating with a mail server which stores therein an electronic mail sent to an address, comprising:

receiving from the mail server an electronic mail addressed to one predetermined address;

storing the received electronic mail in a memory unit;

storing in a status memory unit each state of the electronic mail stored in the mail memory unit so as to correspond to each of ~~the~~ a plurality of the ~~terminal devices~~ electronic devices, wherein each state of the status memory unit indicates whether or not the electronic mail received by the electronic mail managing apparatus for each ~~terminal devices~~ electronic devices has been transmitted to the associated ~~terminal device~~ electronic device from a telephone; and

wherein the electronic mail managing apparatus is capable of communicating with ~~at the~~ plurality of ~~terminal device~~ electronic device, and transmitting the electronic mail stored in the mail memory unit and received thereof from the mail server to one of the plurality of ~~terminal devices~~ electronic devices in response to an access made by said ~~terminal device~~ electronic device, wherein the electronic mail managing apparatus is provided logically between the mail server and the plurality of ~~terminal devices~~ electronic devices, and wherein the electronic mail managing method integrally manages the electronic mail based on the electronic mail state corresponding to each of the ~~terminal devices~~ electronic devices.

20. (PRESENTLY AMENDED) An electronic mail managing method according to Claim 17 further comprising:

processing the received electronic mail based on a process specifying information specifying for each ~~terminal device~~ electronic device how the electronic mail transmitted to the respective ~~terminal devices~~ electronic devices should be processed.

21. (PRESENTLY AMENDED) An electronic mail managing method according to Claim 17 further comprising:

receiving the electronic mail from each ~~terminal device~~ electronic device; and
transmitting the received electronic mail to the mail server.

22. (ORIGINAL) An electronic mail managing method according to Claim 21 further comprising:

judging whether or not a preference process is necessary based on the received electronic mail; and
executing access to the mail server, if judged to be affirmative.

23. (PRESENTLY AMENDED) An electronic mail managing method according to Claim 17 further comprising:

permitting access from the terminal device corresponding to a stored identifier, based on the information of an identifier memory unit which stores therein identifiers of the plurality of ~~terminal devices~~ electronic devices.

24. (PRESENTLY AMENDED) A storage medium storing a program executing electronic mail management in an information processing apparatus capable of communicating

with a plurality of ~~terminal devices~~ electronic devices, the program when executed by the information processing apparatus executing the functions comprising:

receiving an electronic mail sent to one predetermined address from a mail server which stores therein the electronic mail addressed to an address;

storing the received electronic mail in a memory unit;

storing in a status memory unit each state of the electronic mail stored in the mail memory unit so as to correspond to each of the plurality of the ~~terminal devices~~ electronic devices, wherein each state indicates whether or not the electronic mail received by the electronic mail management for each ~~terminal devices~~ electronic devices has been transmitted to the associated ~~terminal device~~ electronic device from a telephone; and

transmitting the electronic mail stored in the memory unit and received thereof from the mail server to one of the plurality of ~~terminal devices~~ electronic devices in response to an access made by said one of the plurality of ~~terminal devices~~ electronic devices, wherein the electronic mail management is provided logically between the mail server and the plurality of ~~terminal devices~~ electronic devices and wherein the electronic mail management integrately manages the electronic mail based on the electronic mail state corresponding to each of the ~~terminal devices~~ electronic devices.

27. (PRESENTLY AMENDED) A program of the storage medium according to Claim 24 further comprising:

processing the received electronic mail based on a process specifying information specifying for each ~~terminal device~~ electronic device how the electronic mail transmitted to the ~~terminal device~~ electronic device should be processed.

28. (PRESENTLY AMENDED) A program of the storage medium according to Claim 24 further comprising:

receiving the electronic mail from each ~~terminal device~~ electronic device; and
transmitting the received electronic mail to the mail server.

29. (ORIGINAL) A program of the storage medium according to Claim 28 further comprising:

judging whether or not a preference process is necessary based on the received electronic mail; and
executing access to the mail server, if judged to be affirmative.

30. (PRESENTLY AMENDED) A program of the storage medium according to Claim 24 further comprising:

permitting access from the ~~terminal device~~ electronic device corresponding to a stored identifier, based on the information of an identifier memory unit which stores therein identifiers of the plurality of ~~terminal devices~~ electronic devices.

31. (PRESENTLY AMENDED) An electronic mail managing system comprising:
an electronic mail managing apparatus capable of communicating with a mail server which stores therein an electronic mail sent to an address; and

a plurality of ~~terminal devices~~ electronic devices capable of communicating with the electronic mail managing apparatus; and

wherein the electronic mail managing apparatus comprising:

a receiving unit receiving from the mail server an electronic mail addressed to one predetermined address;

a mail memory unit storing therein the received electronic mail;

a mail status memory means ~~for~~ storing each state of the electronic mail stored in the mail memory unit so as to correspond to each of the plurality of the ~~terminal devices~~ electronic devices, wherein each state of the mail status memory unit indicates whether or not the electronic mail received by the electronic mail managing apparatus for each ~~terminal device~~ electronic device has been transmitted to the associated ~~terminal device~~ electronic device from the mail managing apparatus; and

a transmitting unit transmitting the electronic mail stored in the mail memory unit and received thereof from the mail server to one of the plurality of ~~terminal devices~~ electronic devices in response to an access made by said ~~terminal device~~ electronic device, wherein the electronic mail managing apparatus is provided logically between the mail server and the plurality of ~~terminal devices~~ electronic devices and wherein the electronic mail management apparatus integrately manages the electronic mail based on the electronic mail state corresponding to each of the ~~terminal devices~~ electronic devices.

34. (PRESENTLY AMENDED) An electronic mail managing system according to Claim 31, wherein the electronic mail managing apparatus further comprising:

a process specifying means ~~unit for~~ specifying, for each ~~terminal device~~ electronic device, how the electronic mail transmitted to the respective ~~terminal devices~~ electronic devices should

be processed.

35. (PRESENTLY AMENDED) An electronic mail managing system according to Claim 31, wherein the electronic mail managing apparatus further comprising:

a meansunit for receiving the electronic mail from each ~~terminal device~~ electronic device;
and

a meansunit for transmitting the received electronic mail to the mail server.

36. (ORIGINAL) An electronic mail managing system according to Claim 31, wherein the electronic managing apparatus further comprising:

an emergency processing meansunit for judging whether or not a preference process is necessary based on the received electronic mail and, if judged to be affirmative, executing access to the mail server.

37. (PRESENTLY AMENDED) An electronic mail managing system according to Claim 31, wherein the electronic mail managing apparatus further comprising:

an identifier memory means for storing therein identifiers of the plurality of ~~terminal devices~~ electronic devices, and permitting access from the ~~terminal device~~ electronic device corresponding to the stored identifier.

38. (ORIGINAL) An electronic mail managing system according to Claim 31, wherein the electronic mail managing apparatus is a telephone.